

8	Subclass
134	Class
ISSUE CLASSIFICATION	
SCANNED 8	

5891260



UTILITY 61354 U.S. 1993  
SERIAL NO. 08/051,977  
NUMBER 5891260

PATENT DATE  
APR 06 1993

PATENT  
NUMBER

SERIAL NUMBER  
08/051,977

FLING DATE  
02/05/97

CLASS  
134

SUBCLASS  
8

GROUP ART UNIT  
1742

EXAMINER  
Wallenhorst

C115

APPLICANTS

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CONFIDENTIAL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
VERIFIED BY [Signature]

yes mw

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Foreign priority claimed 35 USC 119 conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	AS FILED	STATE OR COUNTRY	Sheets DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
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Verified and Acknowledged *[Signature]* Examiner's Initials

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TITLE	[Large empty box for title]								
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U.S. DEPT. OF COMM/PAT. &amp; TM PTO-436L (Rev.12-94)

PARTS OF APPLICATION FILED SEPARATELY		D. [Signature] Applications Examiner							
NOTICE OF ALLOWANCE MAILED 9-29-98		CLAIMS ALLOWED							
ISSUE FEE \$5		Total Claims 17							
Amount Due 1320	Date Paid 1-4-99	DRAWING							
		Sheets Drwg. 6 Figs. Drwg. 9 Print Fig. 1							
Label Area		ISSUE BATCH NUMBER 576							
MAUREEN M. WALLENHORST PRIMARY EXAMINER GROUP 1700 Primary Examiner									
PREPARED FOR ISSUE									
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ISSUE FEE IN FILE

(FACE)

Form PTO-436A  
(Rev. 8/92)

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DWD

PATENT NUMBER		ORIGINAL CLASSIFICATION			
		CLASS	134	SUBCLASS	22.1
APPLICATION SERIAL NUMBER		CROSS REFERENCE(S)			
08/795,038		CLASS	22.1	SUBCLASS	166R
APPLICANT'S NAME (PLEASE PRINT)		15	35	104.03	114.05
IF REISSUE, ORIGINAL PATENT NUMBER		15	104.062		
INTERNATIONAL CLASSIFICATION					
B08B 9/04					
PTO-270 (REV. 5-91)		GROUP ART. UNIT		ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)	
		1743		PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)	
				Maureen M. Wallenhorst mmw	
ISSUE CLASSIFICATION SLIP					
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					